

Converting Colors

$Yxy(47.4801, 0.3142, 0.2973)$

Have a look what the booklet for
Yxy(47.4801, 0.3142, 0.2973)
contains.

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Color

Yxy(47.2945, 0.3142, 0.2974)

Conversions

Conversions Part 1

Format	Color
Hex	C9AFC9
RGB	201, 175, 201
RGB Percent	79%, 69%, 79%
CMY	0.2117, 0.3137, 0.2117
CMYK	0.00, 0.13, 0.00, 0.21
HSL	300°, 19%, 74%
HSV	300°, 13%, 79%
XYZ	49.9661, 47.2945, 61.7659
YIQ	185.7380, 7.1500, 13.5980

Conversions

Conversions Part 2

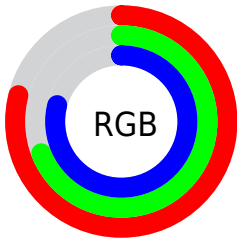
Format	Color
R _Y B	201, 175, 201
Decimal	13217737
CIE Lab	74.38, 13.98, -9.74
CIE LCh	74, 17.035, 325.135
Yxy	47.2945, 0.3142, 0.2974
Android (android.graphics.Color)	4291407817 (0xFFC9AFC9)
YUV	185.7380, 7.5242, 13.3848
Hunter-Lab	68.7710, 9.3414, -5.1110

Details

The Yxy color $47.2945, 0.3142, 0.2974$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $53.9923, 0.3111, 0.3628$, and the grayscale version is $48.9055, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.6318, 0.3138, 0.3058$, and $22.2287, 0.3146, 0.2883$ is the 20% darker color. If you saturate the color by 10%, you get $40.0455, 0.3154, 0.2725$, and if you desaturate by 10%, it is $55.7124, 0.3130, 0.3219$.

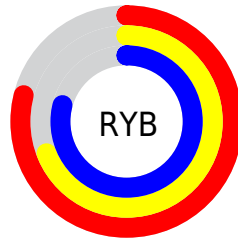
Distribution



Red (79%)

Green (69%)

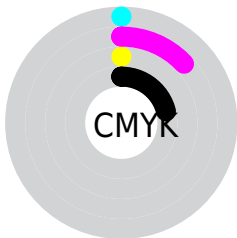
Blue (79%)



Red (79%)

Yellow (69%)

Blue (79%)

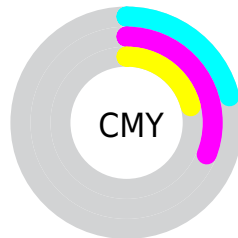


Cyan (0%)

Magenta (13%)

Yellow (0%)

Black (21%)



Cyan (21%)


Magenta (31%)

Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.2945, 0.3142, 0.2974 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 47.2945, 0.3142, 0.2974 by changing the saturation by 10% instead.


 47.2945, 0.3142,
0.2974

 47.2945, 0.3142,
0.2974


375.9888, 0.3136,
0.3128

 33.2685, 0.3143,
0.2937


 86.1531, 0.3140,
0.3029

 22.3322, 0.3144,
0.2890


111.7544, 0.3140,
0.3050

 14.1012, 0.3145,
0.2828


141.9830, 0.3139,
0.3068

 8.1911, 0.3145,
0.2744

177.2233, 0.3138,
0.3083

 4.2175, 0.3144,
0.2624

217.8596, 0.3138,
0.3096

 1.7959, 0.3139,
0.2436

264.2764, 0.3137,

 0.4846, 0.3187,

0.3108

0.1926

316.8580, 0.3137,
0.3119

0.0000, 0.0000,
0.0000

47.2945, 0.3142,
0.2974

47.2945, 0.3142,
0.2974

40.0455, 0.3154,
0.2725

55.7124, 0.3130,
0.3219

33.9080, 0.3165,
0.2480

65.3412, 0.3119,
0.3455

28.8289, 0.3176,
0.2248

76.2283, 0.3109,
0.3678

24.7484, 0.3186,
0.2038

88.1590, 0.3099,
0.3881

21.6007, 0.3194,
0.1859

88.1590, 0.3099,
0.3881

■ 19.3123, 0.3201,
0.1718

■ 88.1591, 0.3099,
0.3881

■ 17.7983, 0.3206,
0.1620

■ 88.1591, 0.3099,
0.3881

■ 16.9571, 0.3208,
0.1563

■ 88.1592, 0.3099,
0.3881

■ 16.6382, 0.3209,
0.1542

■ 88.1593, 0.3099,
0.3881

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



47.2945, 0.2912, 0.2899



47.2945, 0.3142, 0.2974



47.2945, 0.3376, 0.3125

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



47.2945, 0.3142, 0.2974



47.2945, 0.3519, 0.3661



47.2945, 0.2725, 0.3237

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



47.2945, 0.3142, 0.2974



53.9923, 0.3111, 0.3628

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



47.2945, 0.2877, 0.3460



47.2945, 0.3142, 0.2974



47.2945, 0.3334, 0.3711

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



47.2945, 0.3142, 0.2974



47.2945, 0.3598, 0.3515



47.2945, 0.3099, 0.3638



47.2945, 0.2678, 0.3040

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



47.2945, 0.3142, 0.2974



47.2945, 0.3500, 0.3253



47.2945, 0.3099, 0.3638



47.2945, 0.2765, 0.3311

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



47.2965, 0.3142, 0.2974



93.6638, 0.3132, 0.3192



43.9893, 0.2923, 0.2952



19.8010, 0.3133, 0.3174



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



47.2965, 0.3142, 0.2974



76.6743, 0.3146, 0.2893



46.7097, 0.3250, 0.3130



10.8166, 0.3138, 0.3062



10.4588, 0.3209, 0.1542



0.4952, 0.3209, 0.1542

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



47.2965, 0.3142, 0.2974



76.6743, 0.3146, 0.2893



54.5285, 0.3020, 0.3456



10.8166, 0.3138, 0.3062



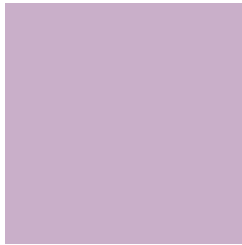
10.4588, 0.3209, 0.1542



0.4952, 0.3209, 0.1542

Previews

White Background



This preview shows how the Yxy color 47.2945, 0.3142, 0.2974 looks on a white background.

Color Contrast Check

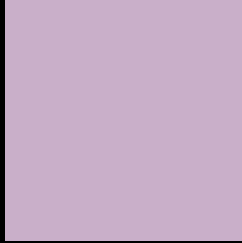
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 47.2945, 0.3142, 0.2974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

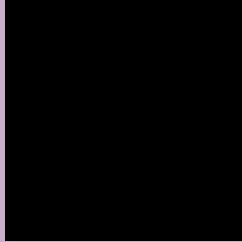
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.2945, 0.3142, 0.2974

Background



This preview shows how black text looks on a background with the Yxy color 47.2945, 0.3142, 0.2974.



This preview shows how white text looks on a background with the Yxy color 47.2945, 0.3142, 0.2974.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

47.2945, 0.3142, 0.2974

Protanopia

47.5670, 0.2936, 0.2999

Deuteranopia

47.3484, 0.3080, 0.3017



Tritanopia

47.4852, 0.3214, 0.3118

Trichromacy



Original Color

47.2945, 0.3142, 0.2974

Protanomaly

47.2912, 0.3008, 0.2978

Deuteranomaly

47.3502, 0.3106, 0.3007

Tritanomaly

47.2702, 0.3182, 0.3057

Monochromacy



Original Color

47.2945, 0.3142, 0.2974

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.2939, 0.3132, 0.3177

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.2945, 0.3142, 0.2974 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(201, 175, 201)` looks like.

```
.text, #text, p{  
    color:rgb(201, 175, 201)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(201, 175, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 175, 201) }
```

Border

The CSS property to change the border of an element to Yxy 47.2945, 0.3142, 0.2974 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(201, 175, 201) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(201, 175, 201) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(201, 175, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 175, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 175, 201);  
box-shadow:4px 4px 4px 4px rgb(201, 175,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 47.2945, 0.3142, 0.2974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 175, 201) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(201,  
175, 201) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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